

**REMARKS**

Claims 1-26 all are the claims pending in the application.

Claims 8-14 are withdrawn from consideration. Claims 6, 18 and 21-23 are rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 3,788,180 (hereinafter, "Potsch") in view of U.S. Patent No. 4,275,631 (hereinafter, "Wingen"). Claims 17, 19, and 20 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Potsch in view of U.S. Patent No. 3,727,503 (hereinafter, "Braner"). Claims 24-26 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Potsch in view of Braner as applied to claims 1, and further in view of Wingen. Claims 1-5, 7, 15 and 16 are allowed. Applicant submits the following in traversal.

Rejection of Claims 6, 18 and 21-23 under §103(a) over Potsch in view of Wingen

Applicant submits that claim 6 is patentable over Potsch and Wingen because Wingen does not teach or suggest a disk-shaped rotary blade wherein the irregularity quantity (G) is substantially along a radial direction of the disk-shaped rotary blade perpendicular to a rotational axis of the disk-shaped rotary blade.

Claims 18 and 21-23, which depend from or ultimately depend from claim 6, are patentable for at least the reasons submitted for claim 6.

Rejection of Claims 17, 19 and 20 under §103(a) over Potsch in view of Braner and

Rejection of Claims 24-26 under §103(a) over Potsch in view of Braner and Wingen

Applicant submits that claim 17 is patentable because Potsch in view of Braner fail to teach or suggest a first distance (CL) as claimed.

AMENDMENT UNDER 37 C.F.R. § 1.111  
U.S. APPLN. NO.: 09/843,765

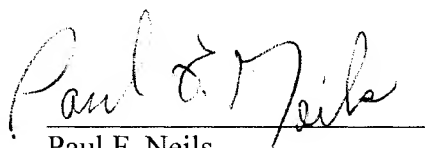
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Claims 19, 10 and 24-26, which depend from or ultimately depend from claim 17, are patentable for at least the reasons submitted for claim 17.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,

  
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CUSTOMER NUMBER

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